

Application Guide

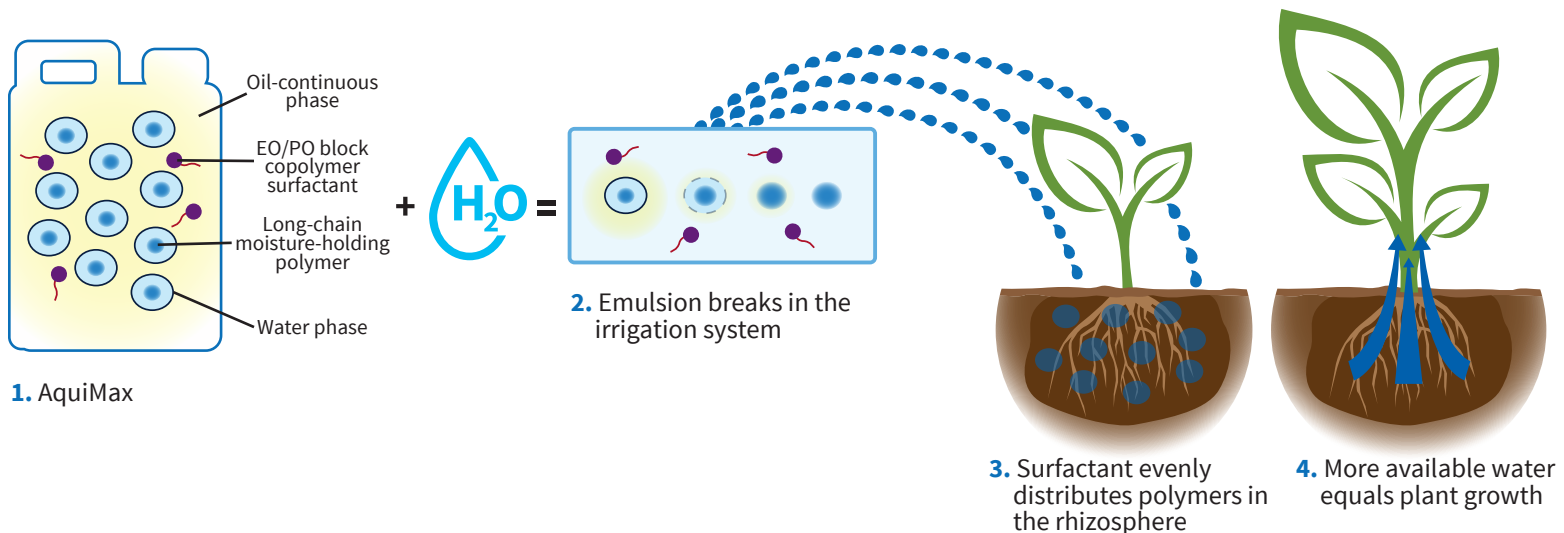
AquiMax[®]

Soil Moisture Management

How Does AquiMax[®] Work?

Patented Injectable Soil Amendment

1. AquiMax combines moisture-retaining polymer and surfactant in an emulsion that is easy to inject through any irrigation system.
2. When AquiMax interacts with water in the irrigation system, the emulsion breaks and releases the moisture-retaining polymer.
3. As the product comes out of the irrigation emitters, the surfactant evenly distributes moisture-retaining polymers in the rhizosphere. AquiMax has a low viscosity and will not clog irrigation emitters.
4. The moisture retention improves water availability for plants, leading to more growth and yield production.



Directions for Use

Direct Injection—Recommended method of application

AquiMax is easy to use as it can be applied directly through standard chemigation systems and is compatible with center pivot, surface and subsurface drip, and micro-jet sprinklers.

Pre-mixing Option

Direct injection is always the preferred method of application, but the product can be pre-mixed with water by following the specific guidelines below.

If pre-mixing with water is required, always use a product to carrier water ratio greater than 1:20, and when possible, use the optimal ratio of 1:100. Always do a jar test to ensure compatibility when pre-mixing with water.

- **Stream-type agitation must be used when AquiMax is pre-mixed with water.** Avoid using blade-type agitators as they reduce the effectiveness of the product over time.
- **ORDER OF ADDITION:** always fill the container 1/2-3/4 full with water, then add AquiMax. **Never add AquiMax to an empty container when pre-mixing with water.**
- AquiMax must be applied promptly after mixing. Stream agitation must be used throughout the entire application.



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Application

Calibrate the chemigation pump flow rate prior to application according to the equipment manufacturer's directions or through visual flow volume reduction.

Center Pivot Applications

- Apply the product in at least 10 mm of water to ensure the product is distributed into the soil. AquiMax is NOT effective on foliage.
- After the application, simply clean the injection pump with water.

Drip and Micro-jet Sprinkler Applications

- Apply the product during the first 1/3 to 1/2 of the irrigation cycle.
- After the product has been applied complete the irrigation cycle to wash remaining product out the lines and injection pump and thoroughly water the product into the soil with at least 10 mm of water.

Fertilizer Compatibility

- The best way to incorporate AquiMax into fertilization programs is to apply AquiMax 1-3 days prior to fertilizer applications.
- AquiMax can be injected in-line with any fertilizer if the products go through separate chemigation pumps. There are no compatibility issues when the products mix in the irrigation line.
- AquiMax is an oil-based product and will phase when mixed with water-based fertilizers without agitation. If AquiMax and fertilizers are pre-mixed before injection, it must be done with sufficient agitation. Always jar test prior to full-scale applications to understand how the products will interact.

Please contact your local
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with further questions.

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